

Daniel Costa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

432
papers

20,256
citations

77
h-index

117
g-index

456
ext. papers

23,653
ext. citations

4.4
avg, IF

6.68
L-index

#	Paper	IF	Citations
432	Trade-offs between foraging reward and mortality risk drive sex-specific foraging strategies in sexually dimorphic northern elephant seals.. <i>Royal Society Open Science</i> , 2022 , 9, 210522	3.3	4
431	Estimating population size when individuals are asynchronous: A model illustrated with northern elephant seal breeding colonies.. <i>PLoS ONE</i> , 2022 , 17, e0262214	3.7	
430	Understanding the combined effects of multiple stressors: A new perspective on a longstanding challenge.. <i>Science of the Total Environment</i> , 2022 , 153322	10.2	5
429	Reproductive Energetics of Phocids. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2022 , 281-309	1.6	2
428	Assessment of Australian Sea Lion Bycatch Mortality in a Gillnet Fishery, and Implementation and Evaluation of an Effective Mitigation Strategy. <i>Frontiers in Marine Science</i> , 2022 , 9,	4.5	2
427	The Antarctic Weddell seal genome reveals evidence of selection on cardiovascular phenotype and lipid handling.. <i>Communications Biology</i> , 2022 , 5, 140	6.7	1
426	Elephant seals time their long-distance migrations using a map sense.. <i>Current Biology</i> , 2022 , 32, R156-R157	15.7	1
425	Density-dependent effects on reproductive output in a capital breeding carnivore, the northern elephant seal (). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211258	4.4	2
424	Influence of environmental variation on spatial distribution and habitat-use in a benthic foraging marine predator. <i>Royal Society Open Science</i> , 2021 , 8, 211052	3.3	2
423	Intertrip consistency in hunting behavior improves foraging success and efficiency in a marine top predator. <i>Ecology and Evolution</i> , 2021 , 11, 4428-4441	2.8	2
422	Lightscares of fear: How mesopredators balance starvation and predation in the open ocean. <i>Science Advances</i> , 2021 , 7,	14.3	11
421	Influence of hunting strategy on foraging efficiency in Galapagos sea lions. <i>PeerJ</i> , 2021 , 9, e11206	3.1	3
420	A standardisation framework for bio-logging data to advance ecological research and conservation. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 996-1007	7.7	15
419	Forced into an ecological corner: Round-the-clock deep foraging on small prey by elephant seals. <i>Science Advances</i> , 2021 , 7,	14.3	6
418	Changes in serum adipokines during natural extended fasts in female northern elephant seals. <i>General and Comparative Endocrinology</i> , 2021 , 308, 113760	3	0
417	Context-dependent variability in the predicted daily energetic costs of disturbance for blue whales 2021 , 9, coaa137		6
416	The soundscape of the Anthropocene ocean. <i>Science</i> , 2021 , 371,	33.3	113

415	Accuracy and precision of citizen scientist animal counts from drone imagery. <i>PLoS ONE</i> , 2021 , 16, e0244040	3.7	2
414	Global Connectivity of Southern Ocean Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	5
413	Emerging themes in Population Consequences of Disturbance models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210325	4.4	3
412	A prediction and imputation method for marine animal movement data. <i>PeerJ Computer Science</i> , 2021 , 7, e656	2.7	0
411	Predicting the population consequences of acoustic disturbance, with application to an endangered gray whale population. <i>Ecological Applications</i> , 2021 , 31, e02440	4.9	2
410	When Physiology and Ecology Meet: The Interdependency Between Foraging Ecology and Reproduction in Otariids. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2021 , 21-50	1.6	3
409	Propensity for Risk in Reproductive Strategy Affects Susceptibility to Anthropogenic Disturbance. <i>American Naturalist</i> , 2020 , 196, E71-E87	3.7	4
408	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020 , 580, 87-92	50.4	83
407	The retrospective analysis of Antarctic tracking data project. <i>Scientific Data</i> , 2020 , 7, 94	8.2	14
406	Acceleration-triggered animal-borne videos show a dominance of fish in the diet of female northern elephant seals. <i>Journal of Experimental Biology</i> , 2020 , 223,	3	29
405	Projected shifts in the foraging habitat of crabeater seals along the Antarctic Peninsula. <i>Nature Climate Change</i> , 2020 , 10, 472-477	21.4	15
404	A dynamic approach to estimate the probability of exposure of marine predators to oil exploration seismic surveys over continental shelf waters. <i>Endangered Species Research</i> , 2020 , 42, 185-199	2.5	2
403	Contrasting whisker growth dynamics within the phocid lineage. <i>Marine Ecology - Progress Series</i> , 2020 , 634, 231-236	2.6	6
402	Chlorophyll fluorescence as measured in situ by animal-borne instruments in the northeastern Pacific Ocean. <i>Journal of Marine Systems</i> , 2020 , 203, 103265	2.7	7
401	Changes in Northern Elephant Seal Skeletal Muscle Following Thirty Days of Fasting and Reduced Activity. <i>Frontiers in Physiology</i> , 2020 , 11, 564555	4.6	4
400	Environmental influences on foraging effort, success and efficiency in female Australian fur seals. <i>Scientific Reports</i> , 2020 , 10, 17710	4.9	7
399	Calibration of aerial photogrammetry to estimate elephant seal mass. <i>Marine Mammal Science</i> , 2020 , 36, 1347-1355	1.9	2
398	Context Matters: Hawaiian Monk Seals Switch Between Feeding Strategies Depending on Ecological Context. <i>Integrative and Comparative Biology</i> , 2020 , 60, 425-439	2.8	2

397	Extreme diving of females at the largest colony of New Zealand sea lions, <i>Phocarcctos hookeri</i> . <i>Polar Biology</i> , 2020 , 43, 2031-2042	2	0
396	Thermoregulatory Strategies of Diving Air-Breathing Marine Vertebrates: A Review. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	9
395	A continuous-time state-space model for rapid quality control of argos locations from animal-borne tags. <i>Movement Ecology</i> , 2020 , 8, 31	4.6	29
394	The importance of migratory connectivity for global ocean policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20191472	4.4	42
393	Hydrographic variability along the inner and mid-shelf region of the western Ross Sea obtained using instrumented seals. <i>Progress in Oceanography</i> , 2019 , 174, 131-142	3.8	8
392	Hawaiian monk seals exhibit behavioral flexibility when targeting prey of different size and shape. <i>Journal of Experimental Biology</i> , 2019 , 222,	3	5
391	The importance of sample size in marine megafauna tagging studies. <i>Ecological Applications</i> , 2019 , 29, e01947	4.9	42
390	Anthropogenic disturbance in a changing environment: modelling lifetime reproductive success to predict the consequences of multiple stressors on a migratory population. <i>Oikos</i> , 2019 , 128, 1340-1357	4	21
389	Low guanylyl cyclase activity in Weddell seals: implications for peripheral vasoconstriction and perfusion of the brain during diving. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R704-R715	3.2	5
388	Variability and change in the west Antarctic Peninsula marine system: Research priorities and opportunities. <i>Progress in Oceanography</i> , 2019 , 173, 208-237	3.8	63
387	Translating Marine Animal Tracking Data into Conservation Policy and Management. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 459-473	10.9	132
386	Integration of Genotype, Physiological Performance, and Survival in a Lizard (<i>Uta stansburiana</i>) with Alternative Mating Strategies. <i>Physiological and Biochemical Zoology</i> , 2019 , 92, 303-315	2	2
385	Expression of obesity-related adipokine genes during fasting in a naturally obese marine mammal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R521-R529	3.2	3
384	Delivering Sustained, Coordinated, and Integrated Observations of the Southern Ocean for Global Impact. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	41
383	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	60
382	Deep Learning Resolves Representative Movement Patterns in a Marine Predator Species. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2935	2.6	1
381	Best practice recommendations for the use of external telemetry devices on pinnipeds. <i>Animal Biotelemetry</i> , 2019 , 7,	2.8	12
380	Trophic position and foraging ecology of Ross, Weddell, and crabeater seals revealed by compound-specific isotope analysis. <i>Marine Ecology - Progress Series</i> , 2019 , 611, 1-18	2.6	10

379	Use of 15N-enriched glycine to estimate vibrissa growth in free-ranging northern elephant seals <i>Mirounga angustirostris</i> . <i>Marine Ecology - Progress Series</i> , 2019 , 614, 199-207	2.6	3
378	Dive behaviour and foraging effort of female Cape fur seals. <i>Royal Society Open Science</i> , 2019 , 6, 191369	3.3	10
377	Factors affecting energy expenditure in a declining fur seal population 2019 , 7, coz103		6
376	Modeling the functional link between movement, feeding activity, and condition in a marine predator. <i>Behavioral Ecology</i> , 2019 , 30, 434-445	2.3	10
375	Ontogenetic variation in diet and habitat of Irrawaddy dolphins (<i>Orcaella brevirostris</i>) in the Gulf of Thailand and the Andaman Sea. <i>Marine Mammal Science</i> , 2019 , 35, 492-521	1.9	4
374	What's in a whisker? Disentangling ecological and physiological isotopic signals. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 57-66	2.2	11
373	Nitrogen and carbon stable-isotope ratios change in adult northern elephant seals (<i>Mirounga angustirostris</i>) during the breeding and molting fasts. <i>Marine Mammal Science</i> , 2019 , 35, 707-717	1.9	2
372	Inferring prey size variation from mandible acceleration in northern elephant seals. <i>Marine Mammal Science</i> , 2019 , 35, 893-908	1.9	4
371	Convergence of marine megafauna movement patterns in coastal and open oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3072-3077	11.5	60
370	The energetic consequences of behavioral variation in a marine carnivore. <i>Ecology and Evolution</i> , 2018 , 8, 4340-4351	2.8	12
369	The extra burden of motherhood: reduced dive duration associated with pregnancy status in a deep-diving mammal, the northern elephant seal. <i>Biology Letters</i> , 2018 , 14,	3.6	30
368	High-energy, high-fat lifestyle challenges an Arctic apex predator, the polar bear. <i>Science</i> , 2018 , 359, 568-572	33.3	79
367	Characterizing habitat suitability for a central-place forager in a dynamic marine environment. <i>Ecology and Evolution</i> , 2018 , 8, 2788-2801	2.8	14
366	Foraging and fasting can influence contaminant concentrations in animals: an example with mercury contamination in a free-ranging marine mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	12
365	Energetics 2018 , 329-335		5
364	Osmoregulation 2018 , 659-664		1
363	Climate mediates the success of migration strategies in a marine predator. <i>Ecology Letters</i> , 2018 , 21, 63-71	10	39
362	Movements and dive behavior of juvenile California sea lions from Año Nuevo Island. <i>Marine Mammal Science</i> , 2018 , 34, 238-249	1.9	8

361	A state-dependent model for assessing the population consequences of disturbance on income-breeding mammals. <i>Ecological Modelling</i> , 2018 , 385, 133-144	3	20
360	Fisheries Exploitation by Albatross Quantified With Lipid Analysis. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	9
359	Sonification of Animal Tracks as an Alternative Representation of Multi-Dimensional Data: A Northern Elephant Seal Example. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	2
358	Constrained by consistency? Repeatability of foraging behavior at multiple timescales for a generalist marine predator. <i>Marine Biology</i> , 2018 , 165, 1	2.5	10
357	Intrinsic anti-inflammatory properties in the serum of two species of deep-diving seal. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	15
356	A method for correcting seal-borne oceanographic data and application to the estimation of regional sea ice thickness. <i>Journal of Marine Systems</i> , 2018 , 187, 250-259	2.7	6
355	Mesoscale activity facilitates energy gain in a top predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	28
354	Comparative feeding strategies and kinematics in phocid seals: suction without specialized skull morphology. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	9
353	A Dynamic State Model of Migratory Behavior and Physiology to Assess the Consequences of Environmental Variation and Anthropogenic Disturbance on Marine Vertebrates. <i>American Naturalist</i> , 2018 , 191, E40-E56	3.7	38
352	Temporal changes in Weddell seal dive behavior over winter: Are females increasing foraging effort to support gestation?. <i>Ecology and Evolution</i> , 2018 , 8, 11857-11874	2.8	10
351	Energy-Rich Mesopelagic Fishes Revealed as a Critical Prey Resource for a Deep-Diving Predator Using Quantitative Fatty Acid Signature Analysis. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	32
350	The rise and fall of dialects in northern elephant seals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	16
349	Understanding the population consequences of disturbance. <i>Ecology and Evolution</i> , 2018 , 8, 9934-9946	2.8	95
348	Terrestrial locomotion of the northern elephant seal (): limitation of large aquatically adapted seals on land?. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	5
347	The political biogeography of migratory marine predators. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1571-1578	5.8	65
346	A dynamic ocean management tool to reduce bycatch and support sustainable fisheries. <i>Science Advances</i> , 2018 , 4, eaar3001	14.3	160
345	Adapted to change: Low energy requirements in a low and unpredictable productivity environment, the case of the Galapagos sea lion. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 140, 94-104	2.3	22
344	Temporal variation in isotopic composition and diet of Weddell seals in the western Ross Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 140, 36-44	2.3	23

343	Visually impaired people and the emerging connected TV: a comparative study of TV and Web applications accessibility. <i>Universal Access in the Information Society</i> , 2017 , 16, 197-214	2.5	8
342	Searching for prey in a three-dimensional environment: hierarchical movements enhance foraging success in northern elephant seals. <i>Functional Ecology</i> , 2017 , 31, 361-369	5.6	39
341	Habitat use and spatial fidelity of male South American sea lions during the nonbreeding period. <i>Ecology and Evolution</i> , 2017 , 7, 3992-4002	2.8	14
340	Evaluating gain functions in foraging bouts using vertical excursions in northern elephant seals. <i>Animal Behaviour</i> , 2017 , 129, 15-24	2.8	4
339	Development of a bioenergetic model for estimating energy requirements and prey biomass consumption of the bottlenose dolphin <i>Tursiops truncatus</i> . <i>Ecological Modelling</i> , 2017 , 356, 162-172	3	17
338	Revisiting the behavioural framework of feeding in predatory aquatic mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	17
337	Intraspecific variation in feeding strategies of Galapagos sea lions: A case of trophic specialization. <i>PLoS ONE</i> , 2017 , 12, e0185165	3.7	16
336	Ocean Observations Using Tagged Animals. <i>Oceanography</i> , 2017 , 30, 139-139	2.3	16
335	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. <i>Oceanography</i> , 2017 , 30, 132-138	2.3	80
334	What difference does a century make? Shifts in the ecosystem structure of the Ross Sea, Antarctica, as evidenced from a sentinel species, the Weddell seal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	9
333	Big data analyses reveal patterns and drivers of the movements of southern elephant seals. <i>Scientific Reports</i> , 2017 , 7, 112	4.9	23
332	Oxygen minimum zone: An important oceanographic habitat for deep-diving northern elephant seals. <i>Ecology and Evolution</i> , 2017 , 7, 6259-6270	2.8	30
331	Suite of simple metrics reveals common movement syndromes across vertebrate taxa. <i>Movement Ecology</i> , 2017 , 5, 12	4.6	44
330	State-dependent behavioural theory for assessing the fitness consequences of anthropogenic disturbance on capital and income breeders. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 552-560	7.7	30
329	Linking mesopelagic prey abundance and distribution to the foraging behavior of a deep-diving predator, the northern elephant seal. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 140, 163-170	2.3	31
328	A Synergistic Approach for Evaluating Climate Model Output for Ecological Applications. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	25
327	Foraging Behavior and Energetics of Albatrosses in Contrasting Breeding Environments. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	1
326	Route Fidelity during Marine Megafauna Migration. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	27

325	Diving Physiology, Foraging and Reproductive Behavior of the Galapagos Sea Lion (<i>Zalophus wollebaeki</i>) 2017 , 132-158		2
324	East or west: the energetic cost of being a gray whale and the consequence of losing energy to disturbance. <i>Endangered Species Research</i> , 2017 , 34, 167-183	2.5	18
323	Foraging niche separation in sympatric temperate-latitude fur seal species. <i>Marine Ecology - Progress Series</i> , 2017 , 566, 229-241	2.6	13
322	Energy and prey requirements of California sea lions under variable environmental conditions. <i>Marine Ecology - Progress Series</i> , 2017 , 567, 235-247	2.6	11
321	Toward a national animal telemetry network for aquatic observations in the United States. <i>Animal Biotelemetry</i> , 2016 , 4,	2.8	30
320	An animal-borne active acoustic tag for minimally invasive behavioral response studies on marine mammals. <i>Animal Biotelemetry</i> , 2016 , 4,	2.8	11
319	Effects of El Niño-driven changes in wind patterns on North Pacific albatrosses. <i>Journal of the Royal Society Interface</i> , 2016 , 13,	4.1	17
318	Corrigendum to Foraging behavior of lactating South American sea lions (<i>Otaria flavescens</i>) and spatial-temporal resource overlap with the Uruguayan fisheries [Deep-Sea Res. II 8889 (2013) 106-109]. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016 , 132, 267-268	2.3	
317	The demands of lactation promote differential regulation of lipid stores in fasting elephant seals. <i>General and Comparative Endocrinology</i> , 2016 , 225, 125-132	3	11
316	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , 2016 , 31, 463-475	5.9	292
315	Evaluating Hair as a Predictor of Blood Mercury: The Influence of Ontogenetic Phase and Life History in Pinnipeds. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 70, 28-45	3.2	20
314	Effects of Age, Colony, and Sex on Mercury Concentrations in California Sea Lions. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 70, 46-55	3.2	9
313	Stochastic dynamic programming: An approach for modelling the population consequences of disturbance due to lost foraging opportunities 2016 ,		5
312	Sexual segregation in habitat use is smaller than expected in a highly dimorphic marine predator, the southern sea lion. <i>Marine Ecology - Progress Series</i> , 2016 , 554, 201-211	2.6	14
311	Whisker growth dynamics in two North Pacific pinnipeds: implications for determining foraging ecology from stable isotope analysis. <i>Marine Ecology - Progress Series</i> , 2016 , 554, 213-224	2.6	32
310	A fully coupled ecosystem model to predict the foraging ecology of apex predators in the California Current. <i>Marine Ecology - Progress Series</i> , 2016 , 556, 273-285	2.6	9
309	A Bioenergetics Approach to Understanding the Population Consequences of Disturbance: Elephant Seals as a Model System. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 875, 161-9	3.6	23
308	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. <i>Ecosphere</i> , 2016 , 7, e01213	3.1	94

307	Monitoring population-level responses of marine mammals to human activities. <i>Marine Mammal Science</i> , 2016 , 32, 1004-1021	1.9	21
306	Body reserves influence allocation to immune responses in capital breeding female northern elephant seals. <i>Functional Ecology</i> , 2016 , 30, 389-397	5.6	20
305	Seals and sea lions are what they eat, plus what? Determination of trophic discrimination factors for seven pinniped species. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 1115-22	2.2	16
304	Mercury correlations among blood, muscle, and hair of northern elephant seals during the breeding and molting fasts. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2103-10	3.8	11
303	Assessing the exposure of animals to acoustic disturbance: Towards an understanding of the population consequences of disturbance 2016 ,		7
302	Developing priority variables (Ecosystem Essential Ocean Variables—EEOVs) for observing dynamics and change in Southern Ocean ecosystems. <i>Journal of Marine Systems</i> , 2016 , 161, 26-41	2.7	72
301	Foraging strategies of a generalist marine predator inhabiting a dynamic environment. <i>Oecologia</i> , 2016 , 182, 995-1005	2.9	24
300	Serum POP concentrations are highly predictive of inner blubber concentrations at two extremes of body condition in northern elephant seals. <i>Environmental Pollution</i> , 2016 , 218, 651-663	9.3	4
299	Regional variability in diving physiology and behavior in a widely distributed air-breathing marine predator, the South American sea lion (<i>Otaria byronia</i>). <i>Journal of Experimental Biology</i> , 2016 , 219, 2320-30	3.0	15
298	Dynamic ocean management: Defining and conceptualizing real-time management of the ocean. <i>Marine Policy</i> , 2015 , 58, 42-50	3.5	239
297	Deep-ocean foraging northern elephant seals bioaccumulate persistent organic pollutants. <i>Science of the Total Environment</i> , 2015 , 533, 144-55	10.2	10
296	Marine foraging ecology influences mercury bioaccumulation in deep-diving northern elephant seals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	25
295	Scaling matters: incorporating body composition into Weddell seal seasonal oxygen store comparisons reveals maintenance of aerobic capacities. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015 , 185, 811-24	2.2	5
294	Diving deeper into individual foraging specializations of a large marine predator, the southern sea lion. <i>Oecologia</i> , 2015 , 179, 1053-65	2.9	53
293	Fatalism and health promoting behaviors in Chinese and Korean immigrants and Caucasians. <i>Journal of Immigrant and Minority Health</i> , 2015 , 17, 165-71	2.2	24
292	Overview of Effects of Oil Spills on Marine Mammals 2015 , 455-475		4
291	A bioenergetics model to evaluate demographic consequences of disturbance in marine mammals applied to gray whales. <i>Ecosphere</i> , 2015 , 6, art183	3.1	54
290	Development of an animal-borne sonar tag for quantifying prey availability: test deployments on northern elephant seals. <i>Animal Biotelemetry</i> , 2015 , 3,	2.8	19

289	Shadowed by scale: subtle behavioral niche partitioning in two sympatric, tropical breeding albatross species. <i>Movement Ecology</i> , 2015 , 3, 28	4.6	25
288	Foraging behavior links climate variability and reproduction in North Pacific albatrosses. <i>Movement Ecology</i> , 2015 , 3, 27	4.6	16
287	Reproductive constraints influence habitat accessibility, segregation, and preference of sympatric albatross species. <i>Movement Ecology</i> , 2015 , 3, 34	4.6	13
286	How do overwinter changes in body condition and hormone profiles influence Weddell seal reproductive success?. <i>Functional Ecology</i> , 2015 , 29, 1278-1291	5.6	23
285	Utilisation of intensive foraging zones by female Australian fur seals. <i>PLoS ONE</i> , 2015 , 10, e0117997	3.7	23
284	Use of Anthropogenic Sea Floor Structures by Australian Fur Seals: Potential Positive Ecological Impacts of Marine Industrial Development?. <i>PLoS ONE</i> , 2015 , 10, e0130581	3.7	29
283	Adipose Triglyceride Lipase, Not Hormone-Sensitive Lipase, Is the Primary Lipolytic Enzyme in Fasting Elephant Seals (<i>Mirounga angustirostris</i>). <i>Physiological and Biochemical Zoology</i> , 2015 , 88, 284-94 ²		3
282	One size does not always fit all: a reply to Stroud and Feeley. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 297-8	10.9	
281	The Differences in Accessibility of TV and Desktop Web Applications from the Perspective of Automated Evaluation. <i>Procedia Computer Science</i> , 2015 , 67, 388-396	1.6	4
280	Differences in foraging ecology align with genetically divergent ecotypes of a highly mobile marine top predator. <i>Oecologia</i> , 2015 , 179, 1041-52	2.9	22
279	Summing the strokes: energy economy in northern elephant seals during large-scale foraging migrations. <i>Movement Ecology</i> , 2015 , 3, 22	4.6	24
278	Evolutionary theory as a tool for predicting extinction risk. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 61-5	10.9	50
277	Comparisons and Uncertainty in Fat and Adipose Tissue Estimation Techniques: The Northern Elephant Seal as a Case Study. <i>PLoS ONE</i> , 2015 , 10, e0131877	3.7	7
276	Using Satellite Tracking and Isotopic Information to Characterize the Impact of South American Sea Lions on Salmonid Aquaculture in Southern Chile. <i>PLoS ONE</i> , 2015 , 10, e0134926	3.7	19
275	Fine-scale whisker growth measurements can reveal temporal foraging patterns from stable isotope signatures. <i>Marine Ecology - Progress Series</i> , 2015 , 523, 243-253	2.6	31
274	Influence of intrinsic variation on foraging behaviour of adult female Australian fur seals. <i>Marine Ecology - Progress Series</i> , 2015 , 526, 227-239	2.6	19
273	Thermal benefits of aggregation in a large marine endotherm: huddling in California sea lions. <i>Journal of Zoology</i> , 2014 , 293, 152-159	2	10
272	Free-swimming northern elephant seals have low field metabolic rates that are sensitive to an increased cost of transport. <i>Journal of Experimental Biology</i> , 2014 , 217, 1485-95	3	33

271	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. <i>Global Change Biology</i> , 2014 , 20, 3004-25	11.4	319
270	Patterns of maximum body size evolution in Cenozoic land mammals: eco-evolutionary processes and abiotic forcing. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20132049	4.4	30
269	Fatty acid mobilization and comparison to milk fatty acid content in northern elephant seals. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014 , 184, 125-35	2.2	21
268	The foraging benefits of being fat in a highly migratory marine mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	33
267	Whales as marine ecosystem engineers. <i>Frontiers in Ecology and the Environment</i> , 2014 , 12, 377-385	5.5	211
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